

Executive Order RP-49
2016 Annual Report for Texas A&M International University

A. The extent to which the agency has met the percentage goal it established for reducing its usage of electricity, gasoline, and natural gas:

Texas A&M International University is committed to energy conservation. One initiative with a proven success is scheduling the heating and cooling systems to reduce energy when a space is not being used.

Utility consumption building profiles are generated weekly and reviewed to insure buildings are operating as designed. And, monthly campus utility consumption and costs are reviewed to insure energy conservation initiatives are obtaining expected results. Energy conservation initiatives have helped the main campus source Energy Use Index (EUI) remain flat from 178 mBtu per square foot in September, 2014 to 181 mBtu per square foot in June, 2016. Additionally, an electrical demand response program has reduced electrical costs by \$179,000 over the last three years.

B. The steps the agency may take to increase the percentage goal for reducing its usage of electricity, gasoline, and natural gas:

Texas A&M International University is aggressive in implementing energy conservation programs. TAMIU has a computerized Energy Management System that allows constant monitoring of the buildings to insure there has not been a malfunction that will increase energy usage. This could be as simple as a malfunctioning thermostat that causes an area to over cool or over heat.

C. Any additional ideas the agency has for reducing energy expenditures relating to facilities:

Texas A&M International University has begun the process to enter into an ESCO agreement. Upon completion, TAMIU expects the performance contract will reduce campus energy consumption by over 10%. Future building construction will adhere to more energy efficient standards. And, a new contract with the electrical provider going into effect in September, 2017 is expected to lower base line electrical costs by 22%.

D. Any additional ideas the agency has to minimize fuel usage in all vehicles and equipment used by the agency.

Texas A&M International University main campus limits vehicular usage by promoting a pedestrian campus. Staff are encouraged to limit vehicle usage and carpool where appropriate. And, lawn maintenance fuel use reductions initiatives are being explored.

	Gasoline (Gallons)
FY15	920
FY16	3505
% Increase (Decrease)	381%